

30. (New) A kit useful for the detection of a target nucleic acid sequence in a sample, wherein the presence of the target nucleic acid sequence in the sample is indicative of *afc1p* or *rcel1p* activity, the kit comprising: carrier means being compartmentalized to receive in close confinement therein one or more containers comprising a container containing an oligonucleotide which hybridizes under highly stringent conditions to a nucleic acid sequence encoding a member selected from the group consisting of SEQ ID NO:3, conservative substitutions of SEQ ID NO:3, SEQ ID NO:4, and conservative substitutions of SEQ ID NO:4.--

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REMARKS

Claims 10-13, 15 and 17-19, and 22-30 are pending. Please cancel claim 14. Claims 10-13, 15, and 19 have been amended. New claims 22-30 have been added. Support for the amendments to claims 10, 11, 12, and 15 listing the SEQ ID NOs can be found in the sequence listing and in the specification on page 12, lines 9-31. Support for the term "conservative substitutions" of claims 10 and 12 can be found in the specification on page 19, lines 8-13. Support for the term "conservatively modified variations" of claim 11 can be found in the specification on page 19, line 1-14. Claims 13, 15, 19 are amended to correct grammatical errors. Support for new claims 22-24 can be found in the specification on page 17, line 11 to page 18, line 7. Support for new claims 25-28 can be found in the specification on page 12, lines 7-8, on page 12, lines 1-6, on page 45, line 28 to page 46, line 29, and on page 42, lines 13-20. Support for new claim 29 can be found in the sequence listing and in the specification on page 3, lines 26-29. Support for new claim 30 can be found in the specification on page 36, line 20 to page 37, line 22. No new matter is added by these amendments. Applicants maintain that claims 10-13, 15, 17-19, and 22-30 clearly and patentably define the invention, and respectfully request the allowance of the claims which are now pending.

Information Disclosure Statement


Submitted herewith is an information disclosure statement and a PTO-1449 citing the relevant art.

Please charge any additional fees, or make any credits, to Deposit Account No. 06-1050.

Respectfully submitted,

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